

14. (Amended) The composition of claim 1 wherein said oxygen scavenging system is selected from the group consisting of ethylenically unsaturated hydrocarbons and a transition metal catalyst; ascorbate; isoascorbate; sulfite; ascorbate with an oxygen scavenging catalyst; transition metal complex of a polycarboxylic acid; transition metal complex of polyamine; transition metal complex of salicylic acid; a reduced form of a photoreducible dye compound; carbonyl compound with an absorbance in the ultraviolet spectrum; tannin; polyethers with a transition metal catalyst; polyamides with a transition metal catalyst; organic compounds having a tertiary hydrogen, benzylic hydrogen or allylic hydrogen in combination with a transition metal catalyst; and an oxidizable metal in combination with a salt.

In the Abstract

Please delete the abstract on page 34 and substitute the following abstract:

ABSTRACT OF THE DISCLOSURE

Disclosed are polymer composite materials comprising at least one polymer resin and platelet particles from at least one layered silicate material uniformly dispersed in the resin and articles prepared from the polymer composite materials. The polymer composite contains at least one polyamide resin, at least one oxygen-scavenging catalyst, and at least one layered silicate material. These polymer composite materials are especially useful for manufacturing clear polyester bottles and polyester film that are recyclable, have improved active gas barrier properties to oxygen, and have improved passive barrier properties to carbon dioxide and other gases. The polymer composite materials can be used in relatively minor amounts as either a blend or a coextruded thin layer with virgin or post consumer recycled polyesters and related copolymers.